

5. (Amended) The method of claim 1, wherein the multiwall nanotube comprises a material selected from the group consisting of GaSe; NiCl₂; TiO₂; Sb₂S₃; K₄Nb₆O₁₇; PbNb_mS_(2m+1), wherein m is an integer from 1 to 10; B_xC_yN_z, wherein x is about 0 to about 1, y is about 0 to about 3, and z is about 0 to about 4; MX_n wherein M is selected from the group consisting of Nb, V, Zr, Hf, Re, Pt, Ta, W, and Mo, X is selected from the group consisting of S, Se, and Te, and n is 2 or 3; and W_aMo_bC_cS₂ wherein a is about 0 to about 1, b is about 0 to about 3, and c is about 0 to about 4.

17. (Amended) The method of claim 1, wherein steps (c) and (d) occur simultaneously.

18. (Amended) A device comprising a telescoped multiwall nanotube comprised of:

- A₉
- (a) an outer shell having a cylindrical wall, a closed end, and an interior cavity defined by the cylindrical wall and the closed end; and
 - (b) a telescoped segment partially housed within the interior cavity of the outer shell and partially extending from the outer shell, wherein said telescoped segment has a cylindrical segment wall, a closed segment end, and a segment cavity.

19. (Amended) The device of claim 18, wherein the telescoped segment comprises a plurality of concentric telescoped segments each partially housed within the segment cavity of the concentric telescoped segment surrounding it and each having a portion partially extending from the segment cavity of the telescoped segment in which it is housed.

A₁₀

21. (Amended) The device of claim 20, wherein the multiwall nanotube comprises a material selected from the group consisting of: GaSe; NiCl₂; TiO₂; Sb₂S₃; K₄Nb₆O₁₇; PbNb_mS_(2m+1), where m is an integer from 1 to 10; B_xC_yN_z, wherein x is about 0 to about 1, y is about 0 to about 3, and z is about 0 to about 4; MX_n where M is selected from the group consisting of Nb, V, Zr, Hf, Re, Pt, Ta, W, and Mo, X is selected from the group consisting of S, Se, and Te, and n is 2 or 3; and W_aMo_bC_cS₂ wherein a is about 0 to about 1, b is about 0 to about 3, and c is about 0 to about 4.

29. (Amended) The device of claim 28, wherein the concentric telescoped segment further provides for substantially frictionless retraction.

30. (Amended) A bearing device comprising a telescoped multiwall nanotube comprised of:

- A₁₁
- (a) an outer shell having a cylindrical wall, a closed end, and an interior cavity defined by the cylindrical wall and the closed end; and
 - (b) a telescoped segment partially housed within the interior cavity of the outer shell and partially extending from the outer shell, wherein said telescoped segment has a cylindrical segment wall, a closed segment end, and a segment cavity,

wherein the concentric telescoped segment is movable.

31. (Amended) A switch device comprising a telescoped multiwall nanotube comprised of:

- (a) an outer shell having a cylindrical wall, a closed end, and an interior cavity defined by the cylindrical wall and the closed end; and
- (b) a telescoped segment partially housed within the interior cavity of the outer shell and partially extending from the outer shell, wherein said telescoped segment has a cylindrical segment wall, a closed segment end, and a segment cavity,

wherein the concentric telescoped segment is movable.

32. (Amended) A resistance potentiometer device comprising a telescoped multiwall nanotube comprised of:

- (a) an outer shell having a cylindrical wall, a closed end, and an interior cavity defined by the cylindrical wall and the closed end; and
- (b) a telescoped segment partially housed within the interior cavity of the outer shell and partially extending from the outer shell, wherein said telescoped segment has a cylindrical segment wall, a closed segment end, and a segment cavity,

wherein the concentric telescoped segment is movable.